

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096746.D
 Acq On : 13 Jul 2017 23:58
 Operator : SJ/JU
 Sample : I4146-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-C

Manual Integrations
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Quant Time: Jul 14 04:42:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	121706	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	440070	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	162319	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	249985	20.00	ng	0.00
75) Chrysene-d12	13.77	240	200931	20.00	ng	0.00
86) Perylene-d12	15.16	264	134101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	447658	55.30	ng	0.00
7) Phenol-d6	6.28	99	680176	70.02	ng	0.00
23) Nitrobenzene-d5	7.20	82	399084	56.17	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	34658	25.01	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	631381	61.46	ng	0.00
78) Terphenyl-d14	12.73	244	423093	36.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	145370	11.894	ng	99
57) Fluorene	10.21	166	20627	2.064	ng	95
70) Phenanthrene	11.17	178	235887	17.354	ng	96
71) Anthracene	11.22	178	60081	4.372	ng	97
74) Fluoranthene	12.35	202	248489	19.099	ng	97
77) Pyrene	12.58	202	216350	11.864	ng	99
80) Benzo(a)anthracene	13.76	228	83576	6.676	ng	93
82) Chrysene	13.80	228	84407	6.848	ng	96
87) Benzo(b)fluoranthene	14.78	252	61260m	7.574	ng	
88) Benzo(k)fluoranthene	14.80	252	23907m	3.122	ng	
89) Benzo(a)pyrene	15.11	252	46727	6.299	ng	# 82
91) Benzo(g,h,i)perylene	16.87	276	26635	3.644	ng	# 88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

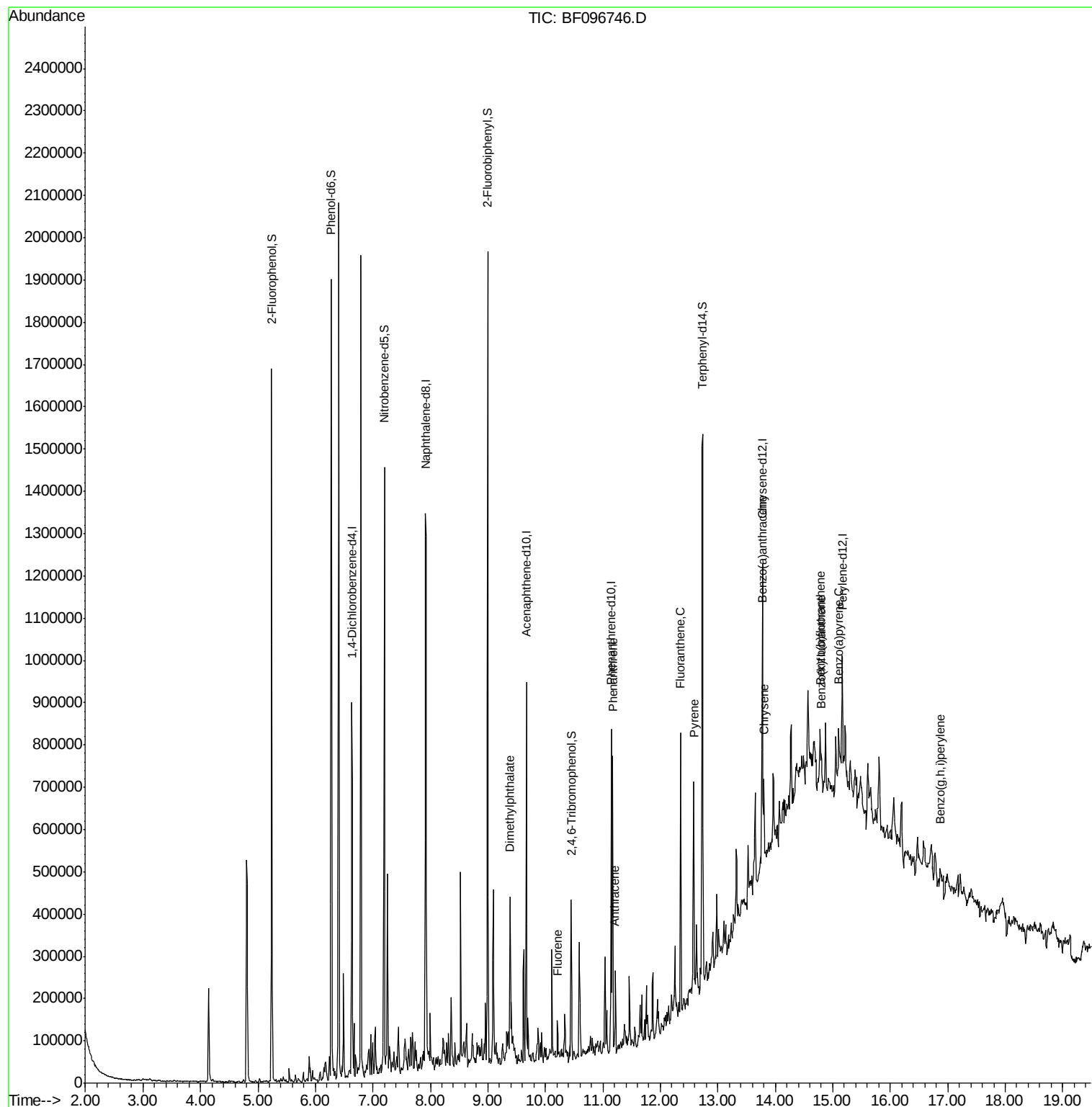
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
Sample : I4146-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

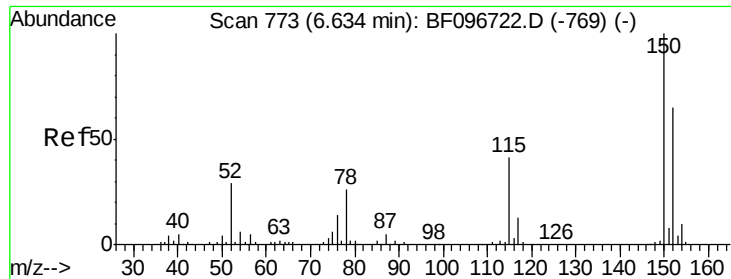
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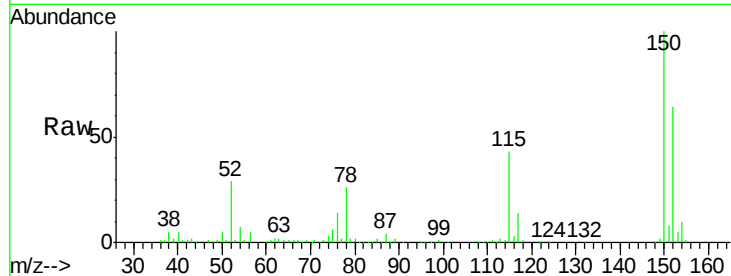
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF096746.D
 Acq: 13 Jul 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-C

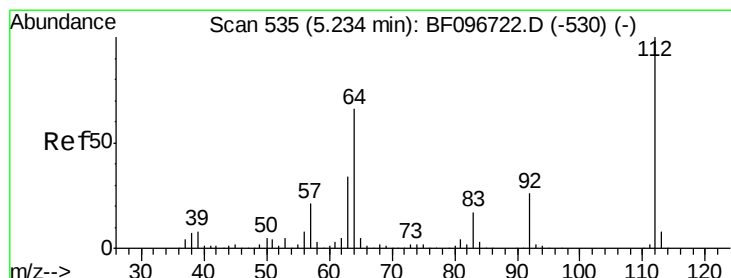
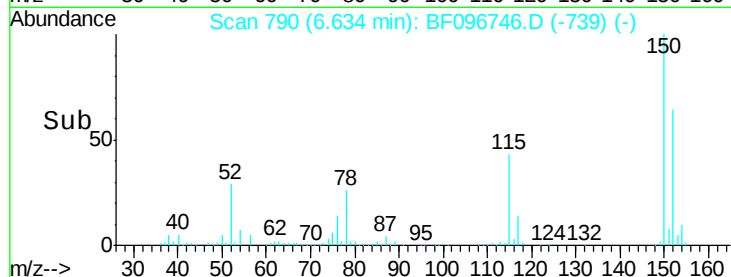
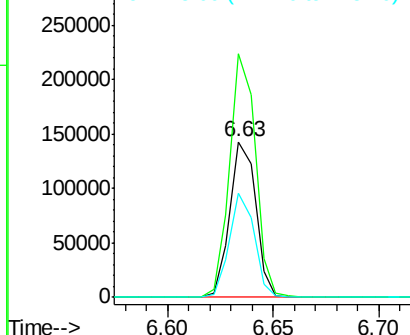
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	67.3	52.2	78.2

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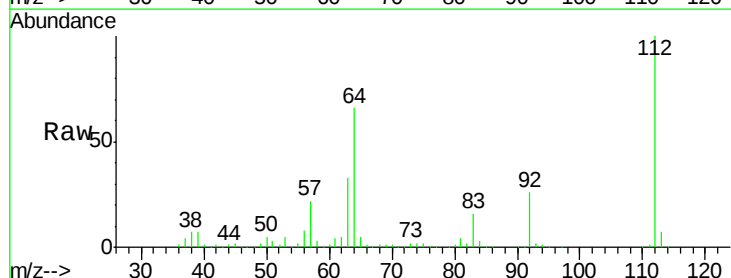


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

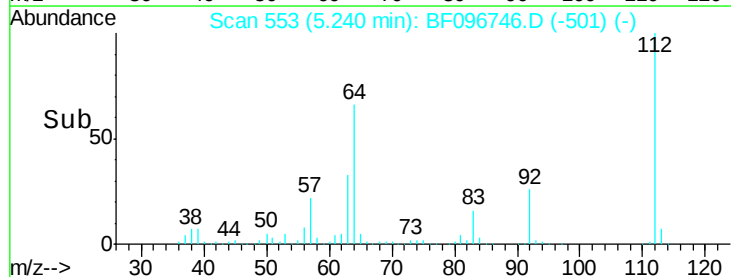
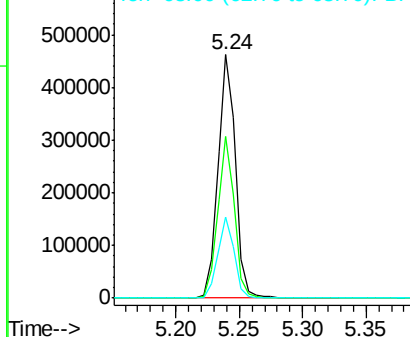


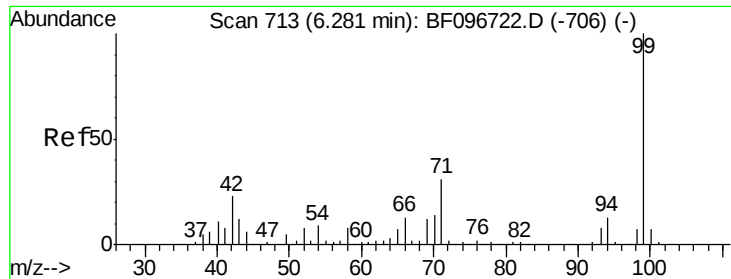
#5
 2-Fluorophenol
 Concen: 55.305 ng
 RT: 5.24 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF096746.D
 Acq: 13 Jul 2017 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	46.0	69.0
63	33.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 70.024 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF096746.D

Acq: 13 Jul 2017 23:58

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-C

Tgt Ion: 99 Resp: 680176

Ion Ratio Lower Upper

99 100

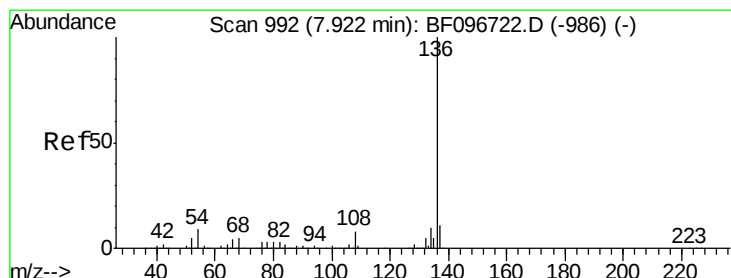
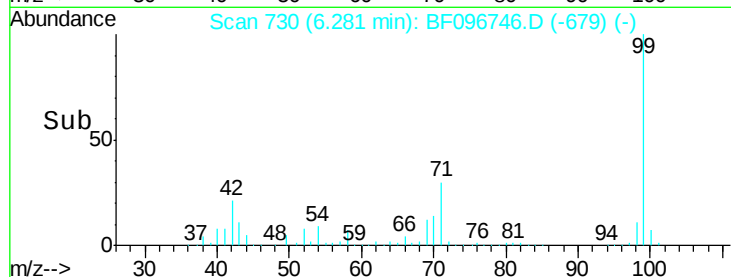
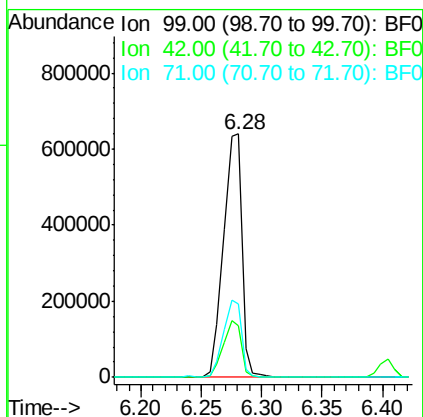
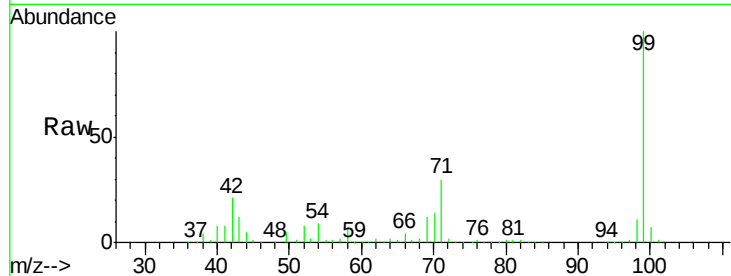
42 21.3 13.5 20.3#

71 30.2 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096746.D

Acq: 13 Jul 2017 23:58

Tgt Ion: 136 Resp: 440070

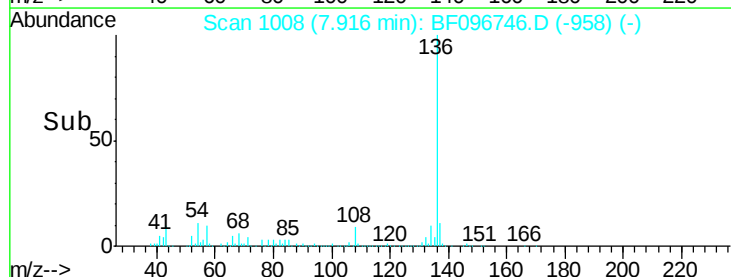
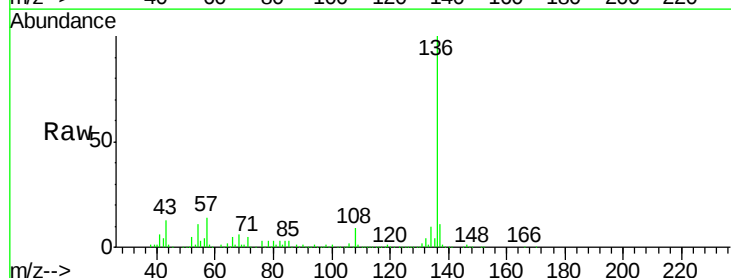
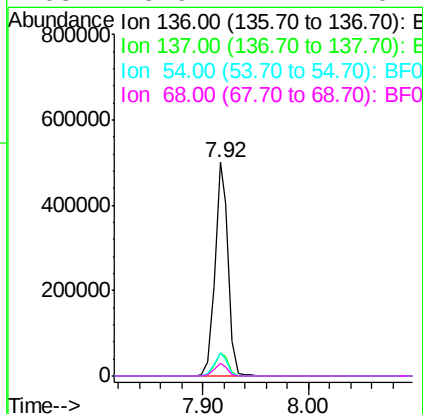
Ion Ratio Lower Upper

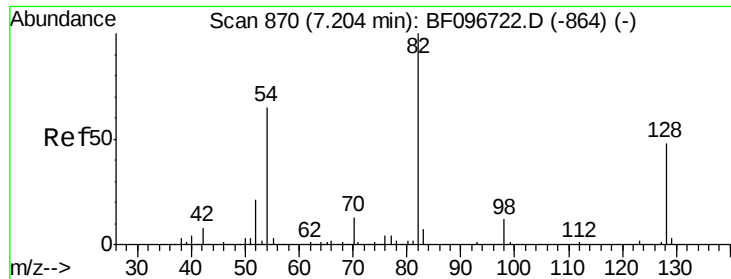
136 100

137 10.7 8.5 12.7

54 10.8 4.9 7.3#

68 5.9 4.1 6.1





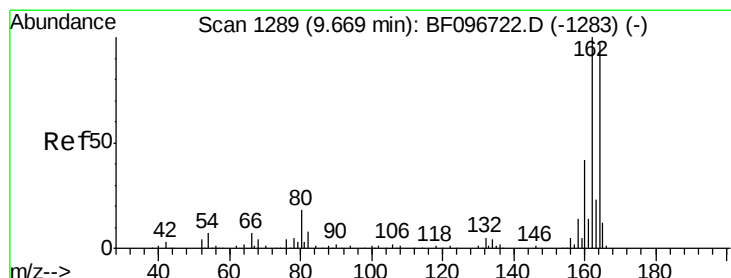
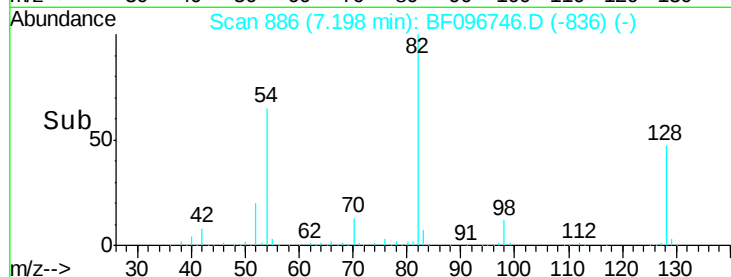
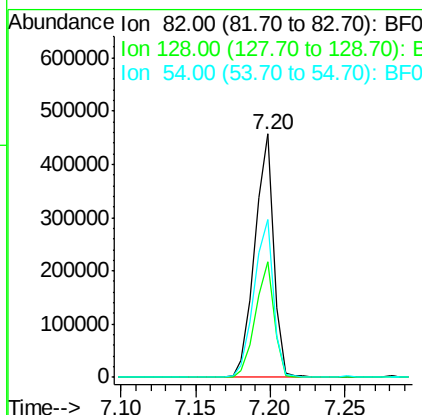
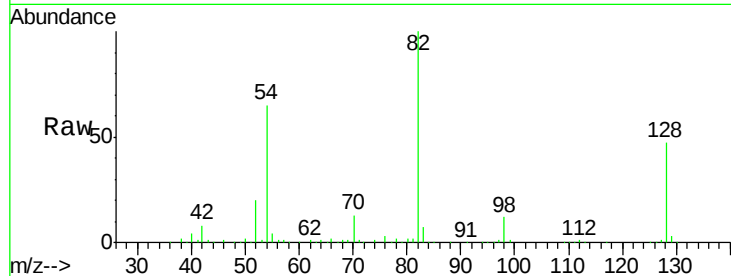
#23
Nitrobenzene-d5
Concen: 56.172 ng
RT: 7.20 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF096746.D
Acq: 13 Jul 2017 23:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	64.8	42.2	63.2

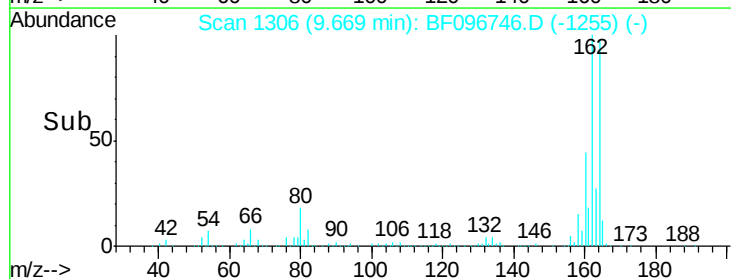
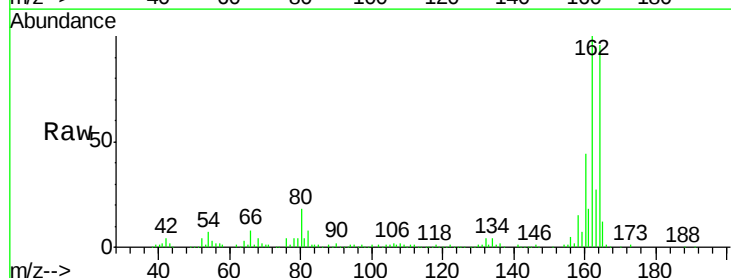
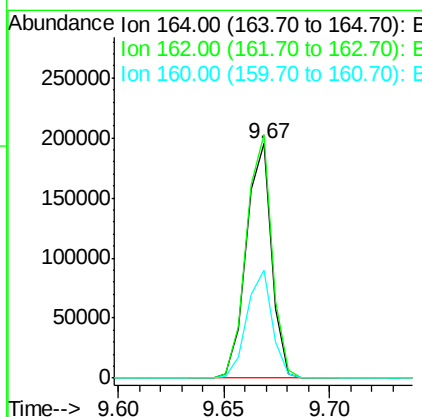
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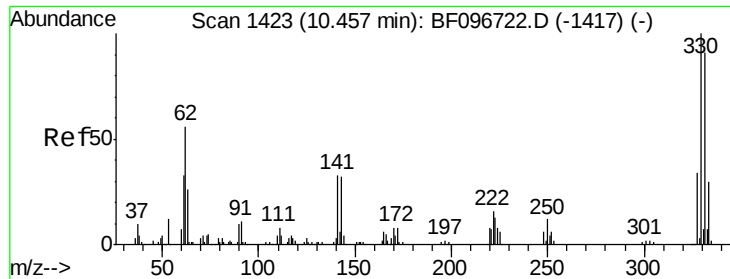
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF096746.D
Acq: 13 Jul 2017 23:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	45.9	36.2	54.2





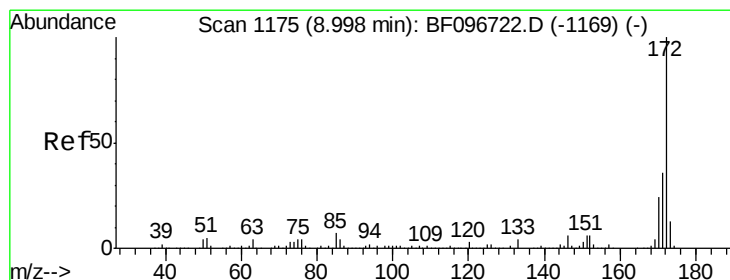
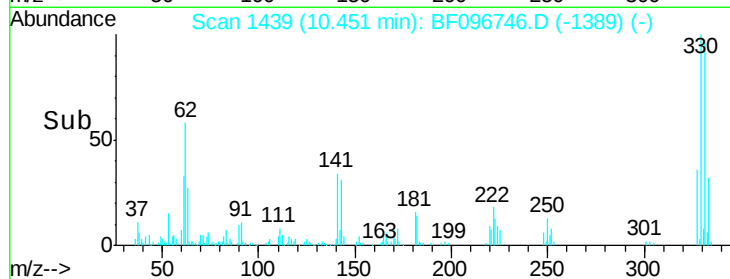
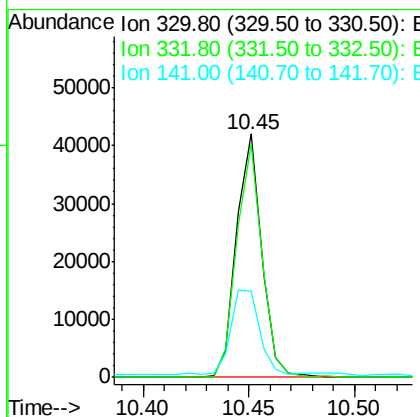
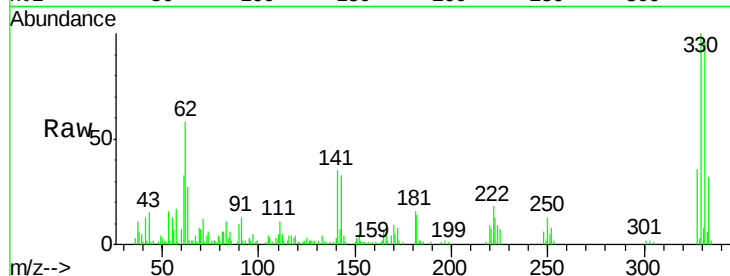
#41
 2,4,6-Tribromophenol
 Concen: 25.014 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096746.D
 Acq: 13 Jul 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	40.6	31.4	47.2

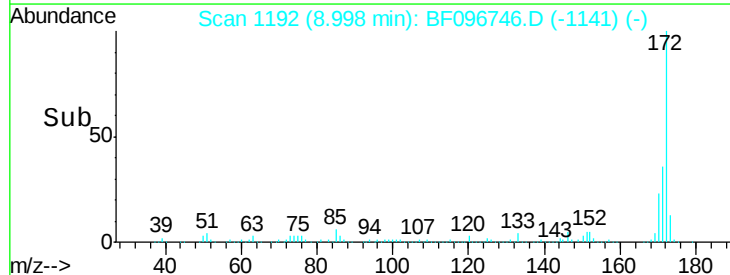
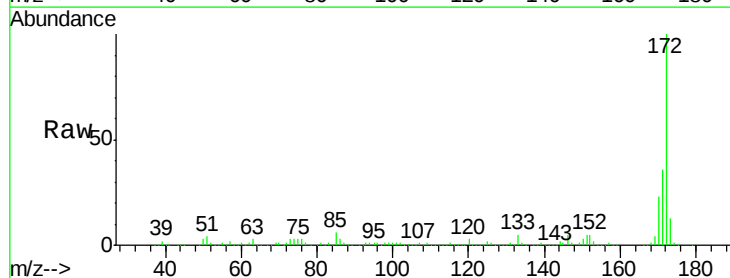
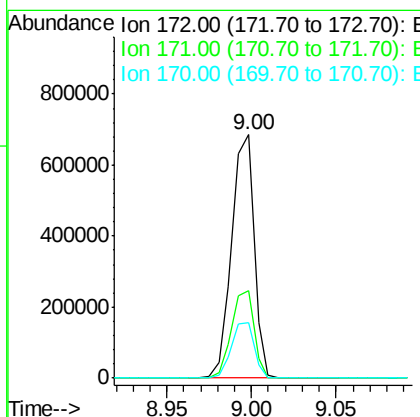
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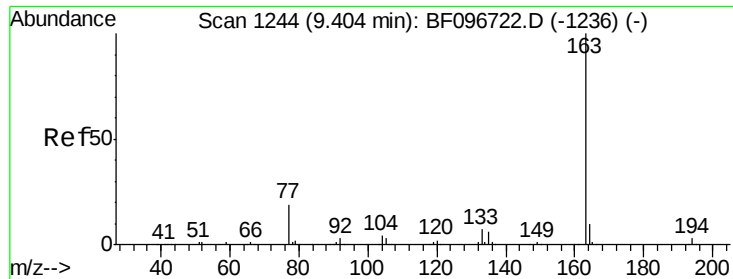
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#44
 2-Fluorobiphenyl
 Concen: 61.455 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096746.D
 Acq: 13 Jul 2017 23:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.0	19.8	29.8





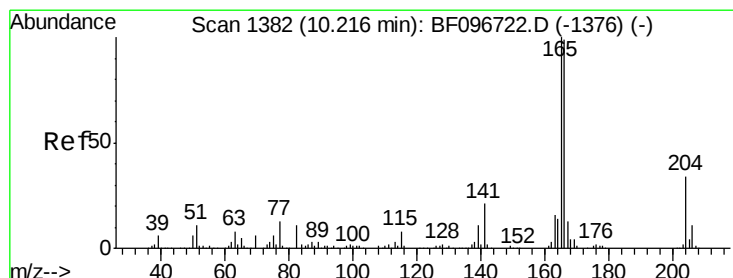
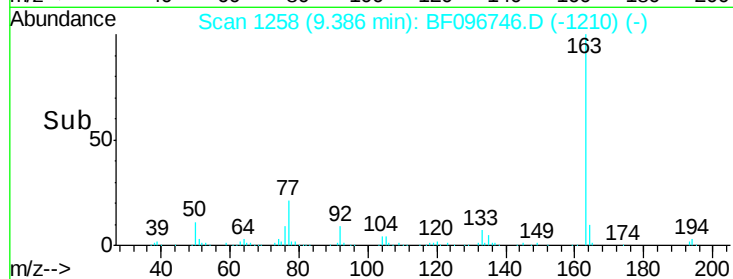
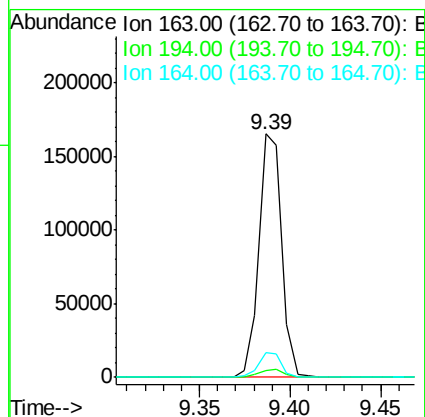
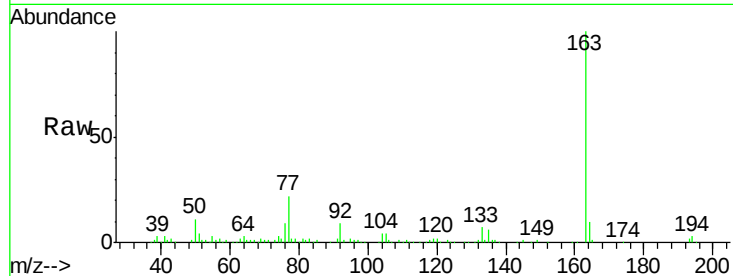
#49
Dimethylphthalate
Concen: 11.894 ng
RT: 9.39 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF096746.D
Acq: 13 Jul 2017 23:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	145370		
194	2.9		2.6	4.0
164	10.3		8.4	12.6

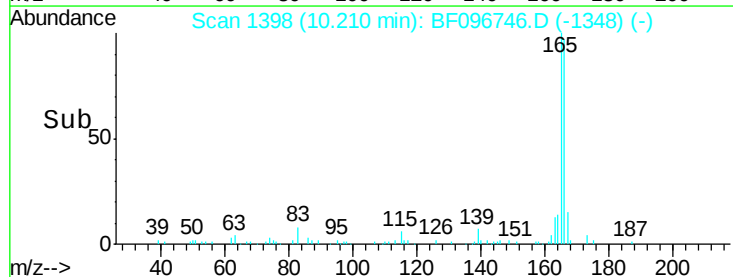
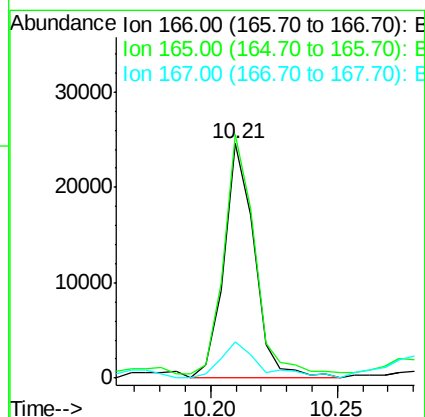
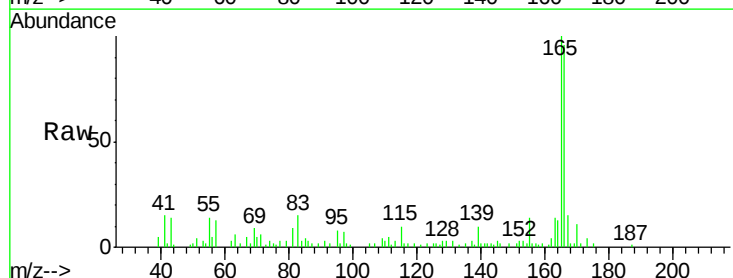
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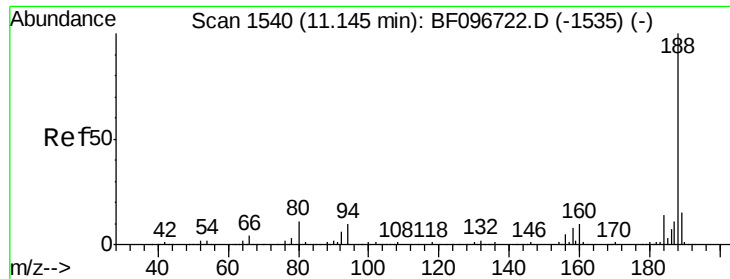
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#57
Fluorene
Concen: 2.064 ng
RT: 10.21 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF096746.D
Acq: 13 Jul 2017 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	20627		
165	103.9		78.8	118.2
167	15.2		10.6	16.0





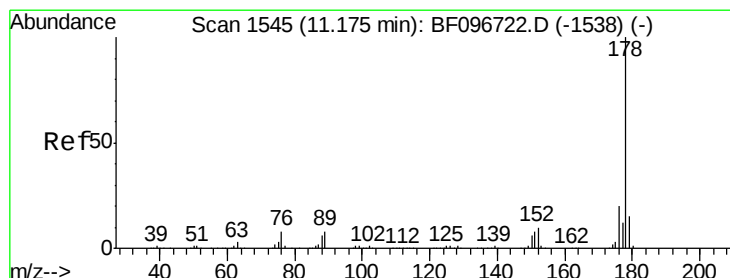
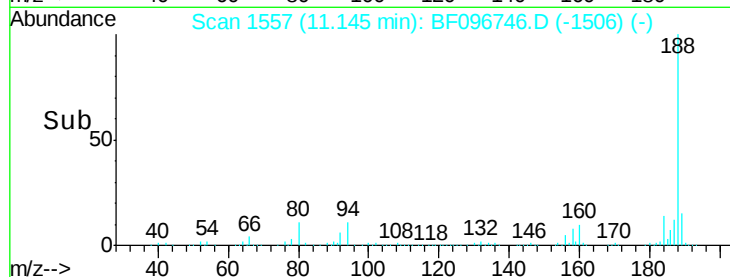
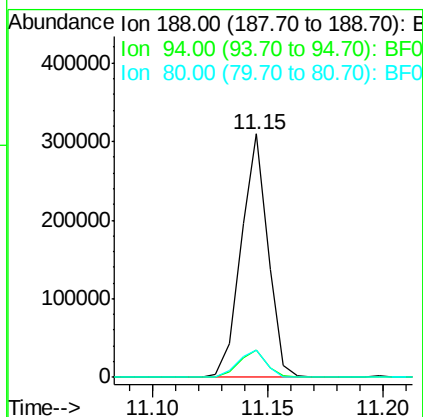
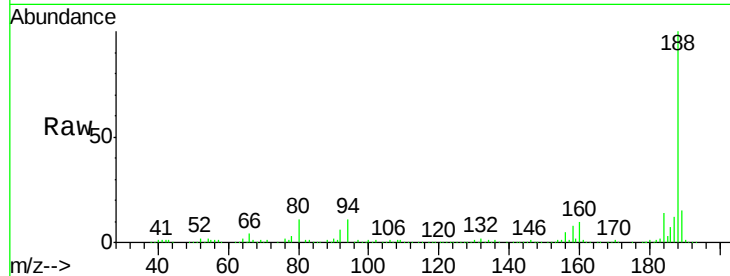
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF096746.D
Acq: 13 Jul 2017 23:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.2	9.4	14.2
80	11.0	10.2	15.2

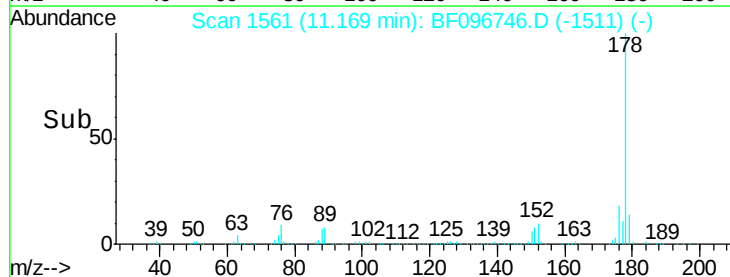
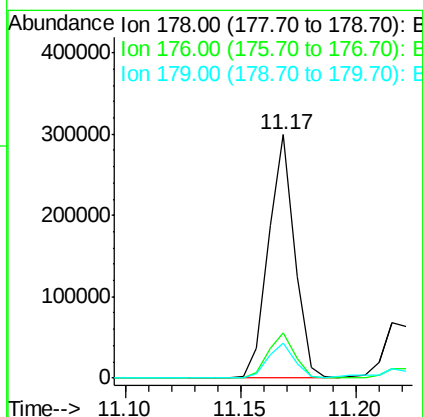
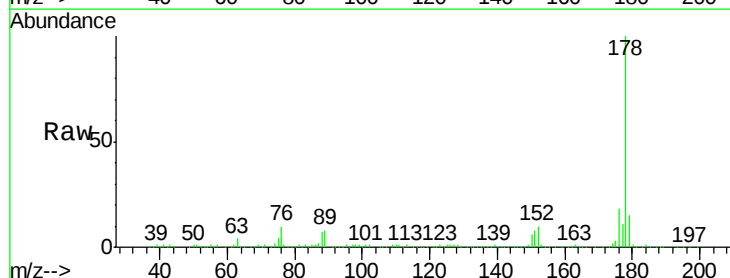
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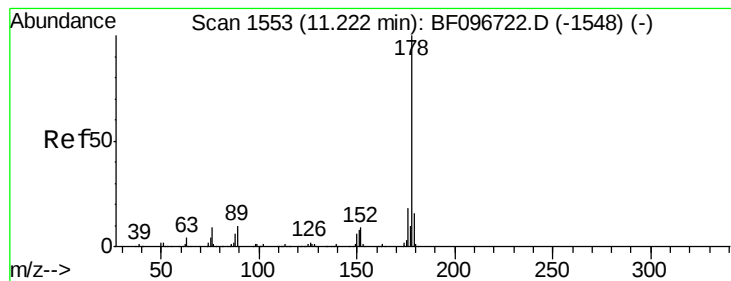
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#70
Phenanthrene
Concen: 17.354 ng
RT: 11.17 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096746.D
Acq: 13 Jul 2017 23:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.5	16.2	24.4
179	14.5	12.6	19.0





#71

Anthracene

Concen: 4.372 ng

RT: 11.22 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF096746.D

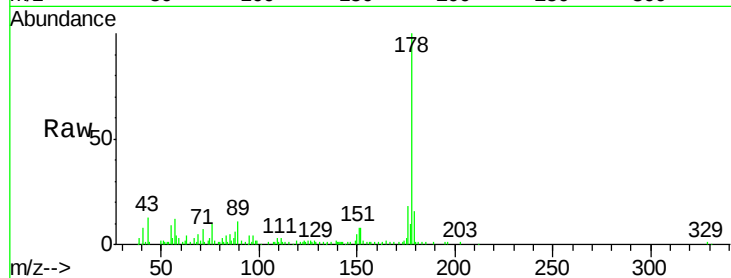
Acq: 13 Jul 2017 23:58

Instrument :

BNA_F

ClientSampleId :

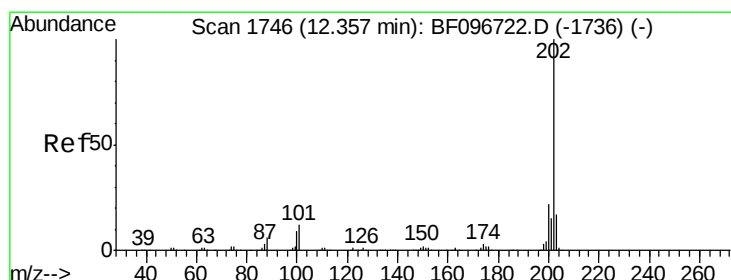
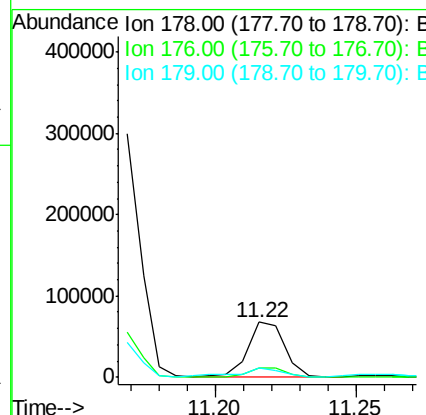
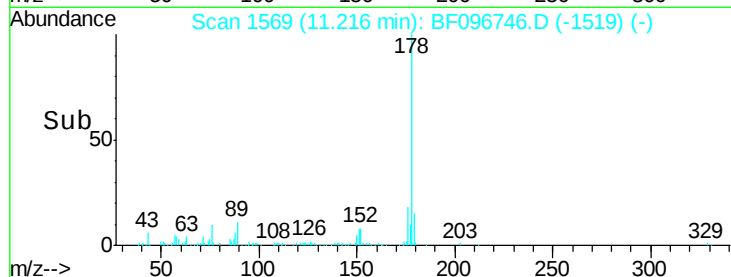
FK-SF-03-001-C



Tgt Ion:	178	Resp:	60081
Ion Ratio	Lower	Upper	
178	100		
176	17.6	15.8	23.8
179	15.9	12.7	19.1

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#74

Fluoranthene

Concen: 19.099 ng

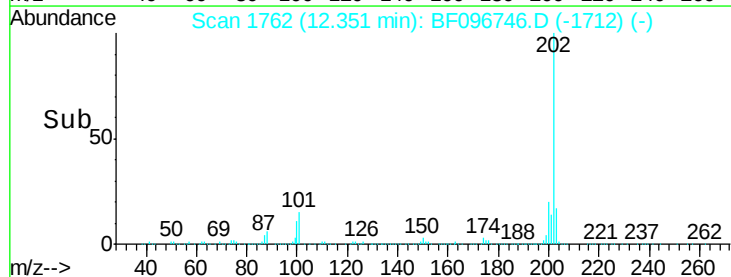
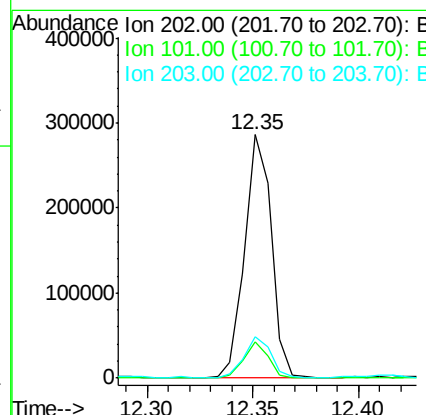
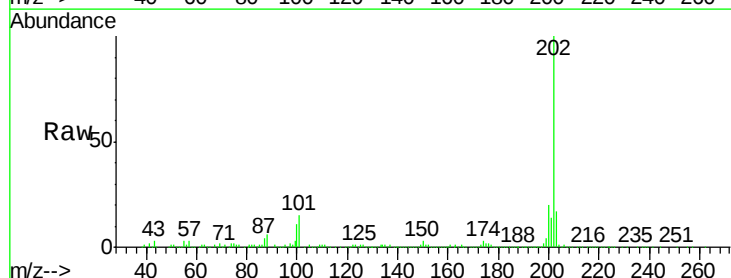
RT: 12.35 min Scan# 1762

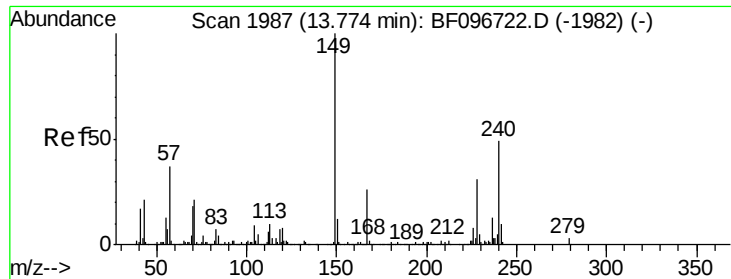
Delta R.T. -0.01 min

Lab File: BF096746.D

Acq: 13 Jul 2017 23:58

Tgt Ion:	202	Resp:	248489
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096746.D

Acq: 13 Jul 2017 23:58

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-C

Tgt Ion:240 Resp: 200931
Ion Ratio Lower Upper

240 100

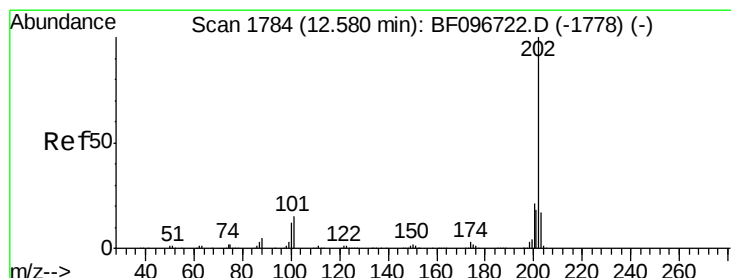
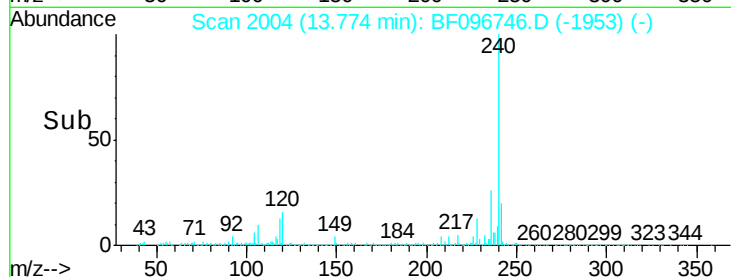
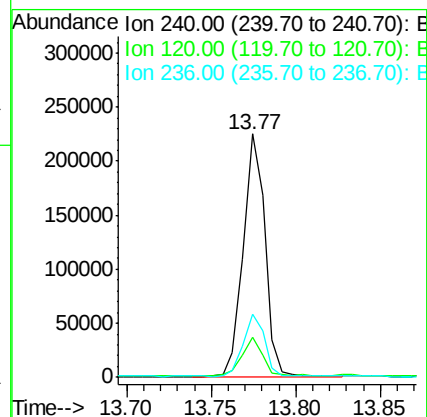
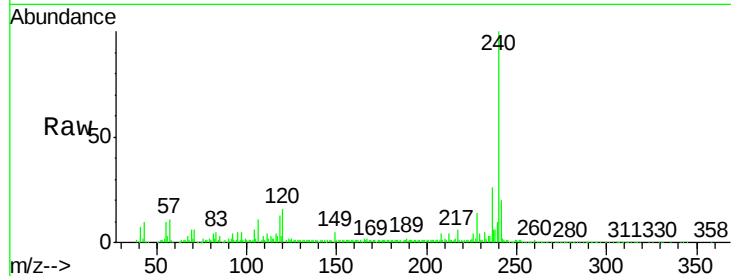
120 16.3 5.8 8.8#

236 25.9 20.5 30.7

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#77

Pyrene

Concen: 11.864 ng

RT: 12.58 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF096746.D

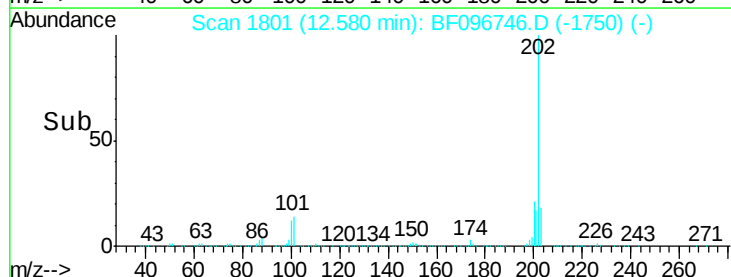
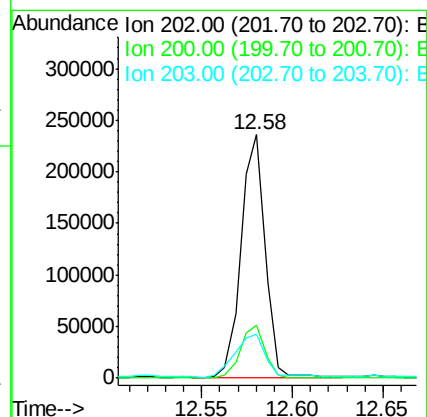
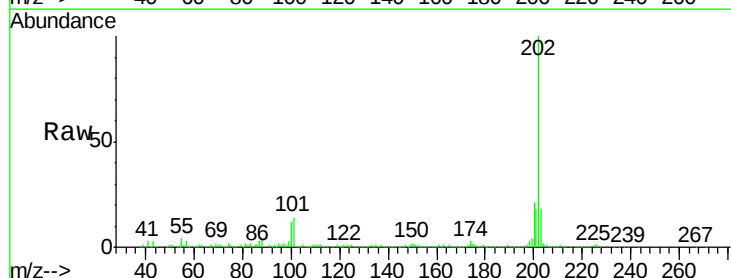
Acq: 13 Jul 2017 23:58

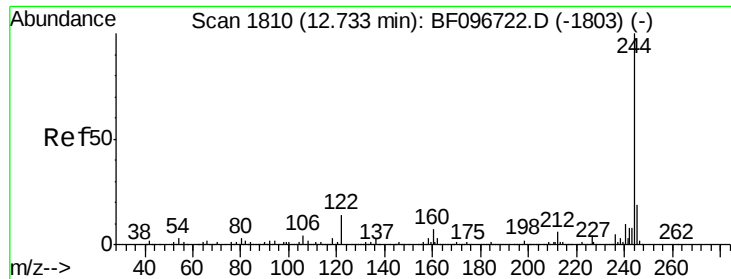
Tgt Ion:202 Resp: 216350
Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

203 18.1 14.4 21.6





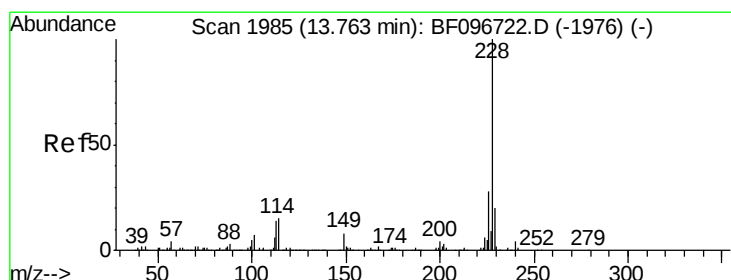
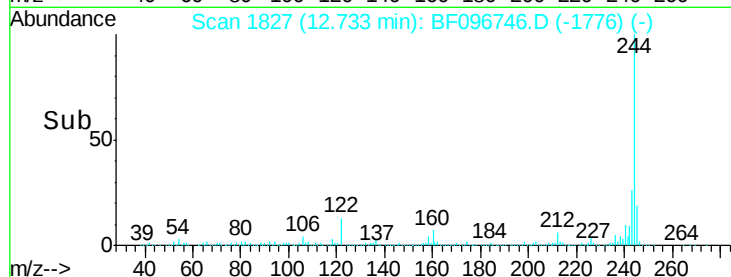
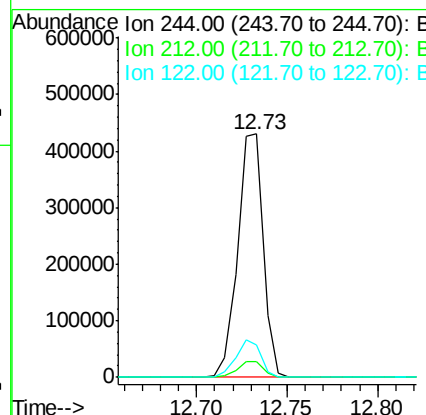
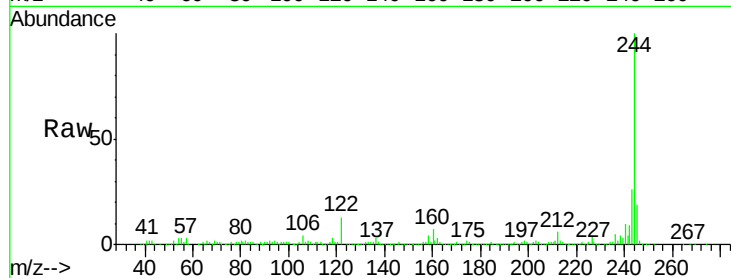
#78
 Terphenyl-d14
 Concen: 36.518 ng
 RT: 12.73 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF096746.D
 Acq: 13 Jul 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	13.1	10.3	15.5

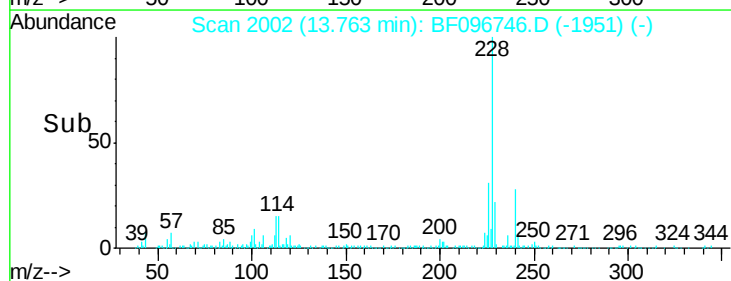
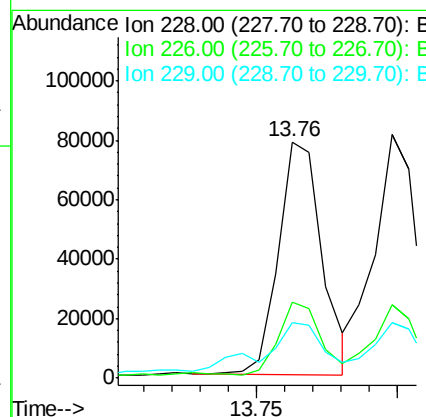
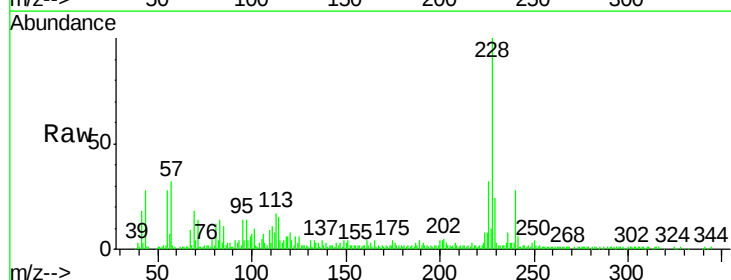
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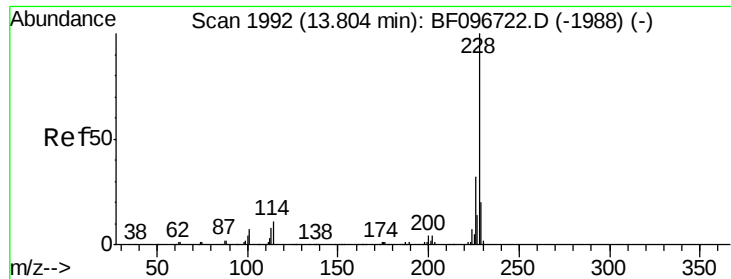
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#80
 Benzo(a)anthracene
 Concen: 6.676 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF096746.D
 Acq: 13 Jul 2017 23:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	23.8	16.3	24.5





#82

Chrysene

Concen: 6.848 ng

RT: 13.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF096746.D

Acq: 13 Jul 2017 23:58

Instrument :

BNA_F

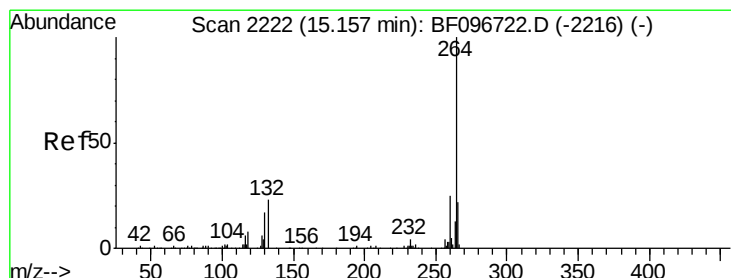
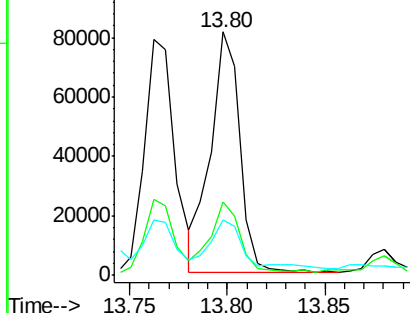
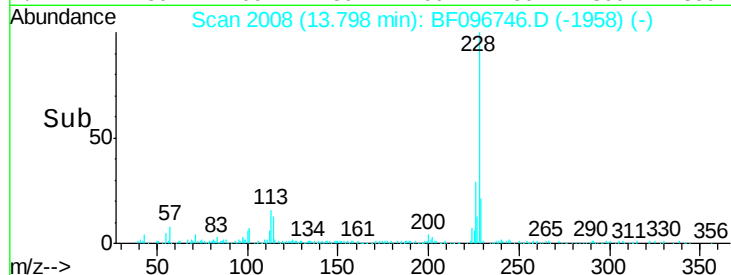
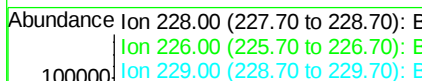
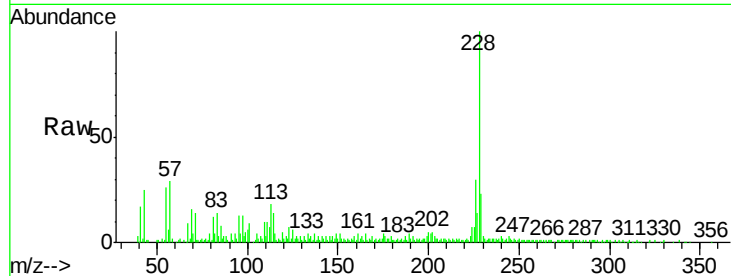
ClientSampleId :

FK-SF-03-001-C

Tgt Ion:	228	Resp:	84407
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.9	37.3
229	22.8	15.8	23.6

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#86

Perylene-d12

Concen: 20.000 ng

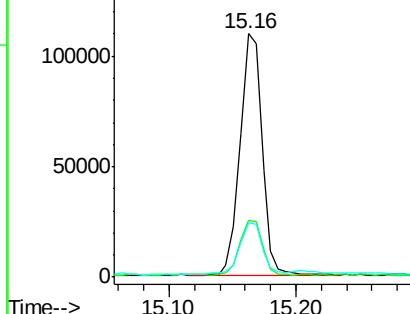
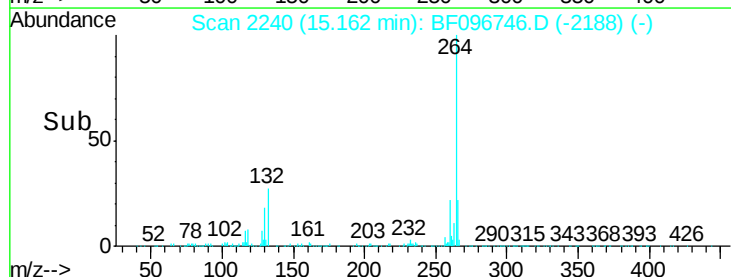
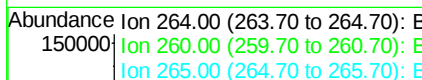
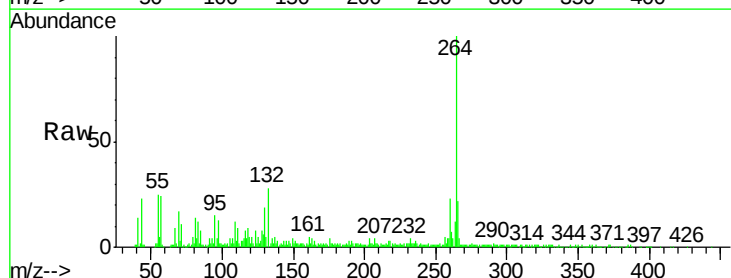
RT: 15.16 min Scan# 2240

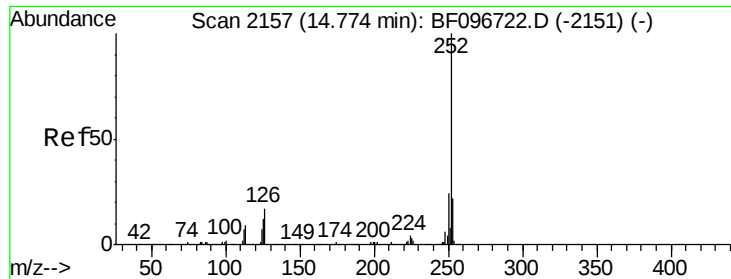
Delta R.T. 0.01 min

Lab File: BF096746.D

Acq: 13 Jul 2017 23:58

Tgt Ion:	264	Resp:	134101
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.5	29.3
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 7.574 ng m

RT: 14.78 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BF096746.D

Acq: 13 Jul 2017 23:58

Instrument :

BNA_F

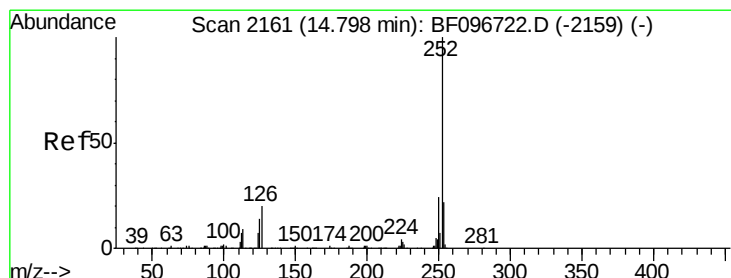
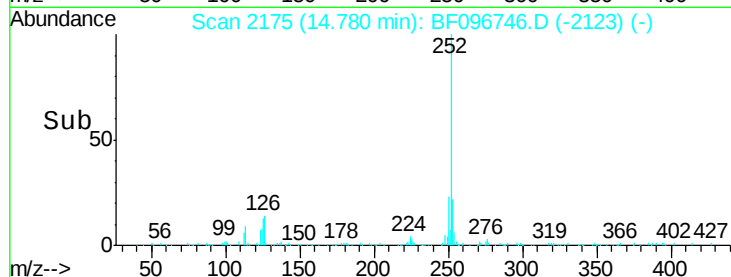
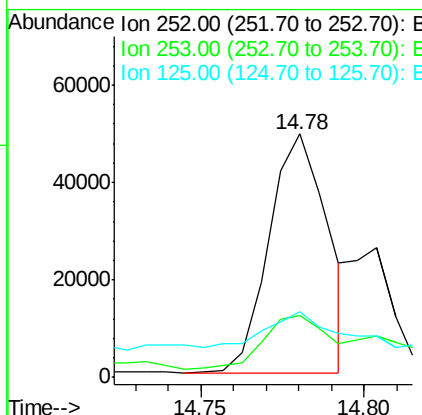
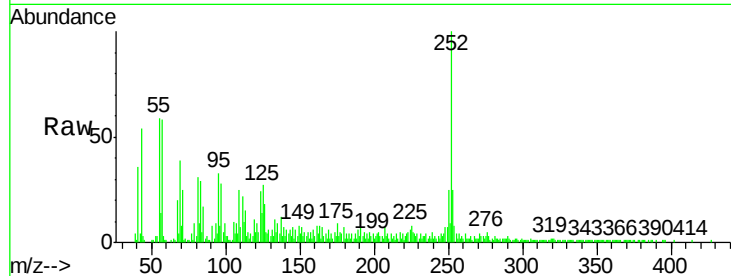
ClientSampleId :

FK-SF-03-001-C

Tgt Ion:	252	Resp:	61260
Ion Ratio	Lower	Upper	
252	100		
253	25.3	18.1	27.1
125	26.8	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 3.122 ng m

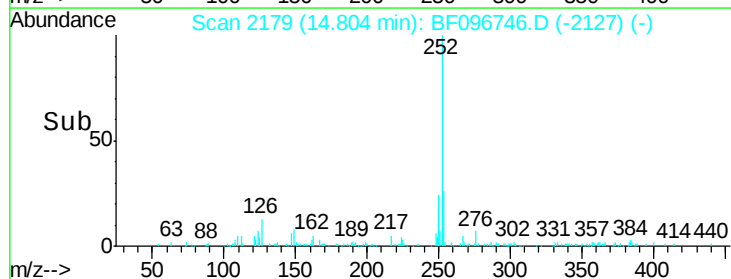
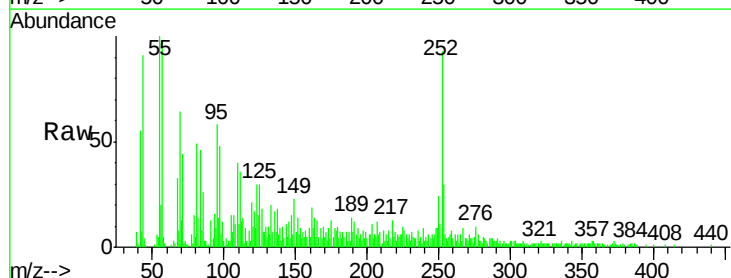
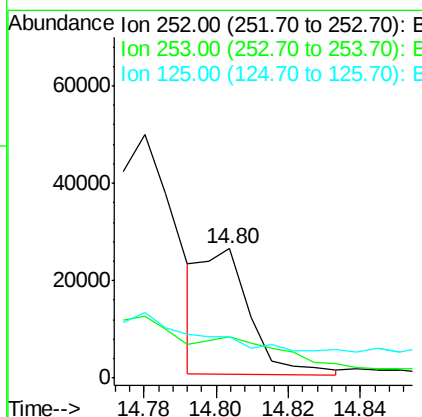
RT: 14.80 min Scan# 2179

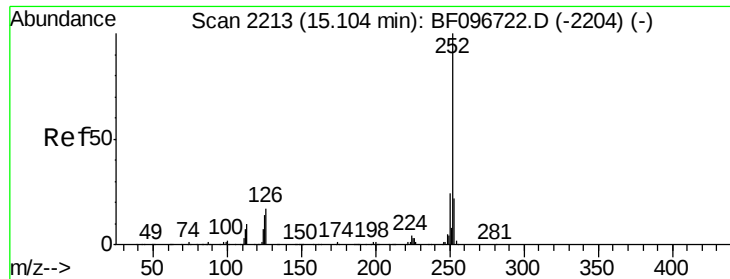
Delta R.T. 0.01 min

Lab File: BF096746.D

Acq: 13 Jul 2017 23:58

Tgt Ion:	252	Resp:	23907
Ion Ratio	Lower	Upper	
252	100		
253	32.4	18.4	27.6#
125	32.0	13.1	19.7#





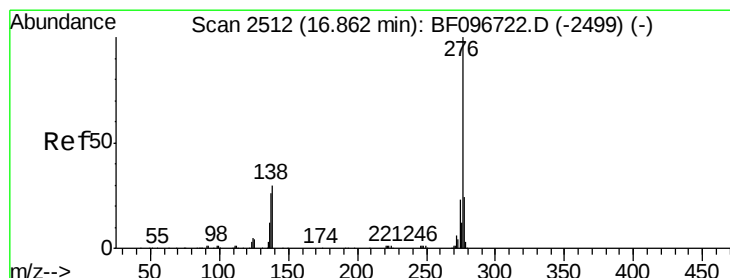
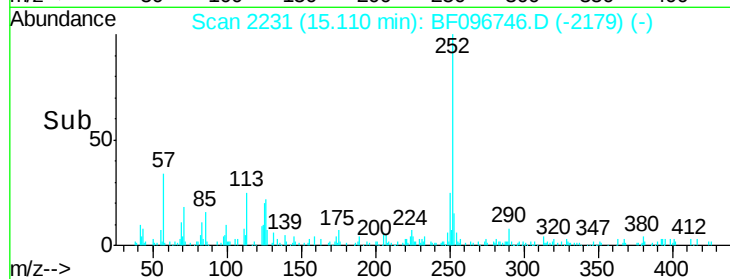
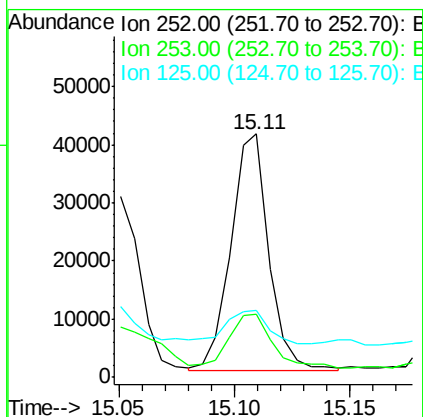
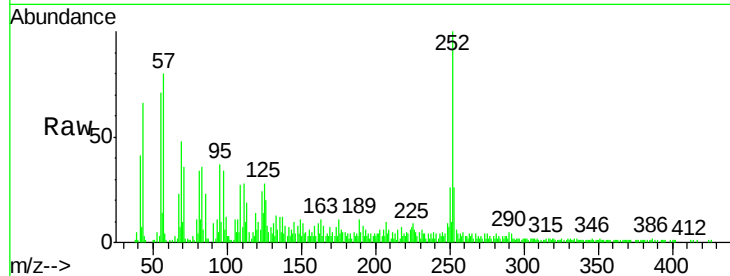
#89
Benzo(a)pyrene
Concen: 6.299 ng
RT: 15.11 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF096746.D
Acq: 13 Jul 2017 23:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.5	26.3
125	27.5	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 3.644 ng
RT: 16.87 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF096746.D
Acq: 13 Jul 2017 23:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.9	18.6	28.0
138	36.5	25.4	38.0

